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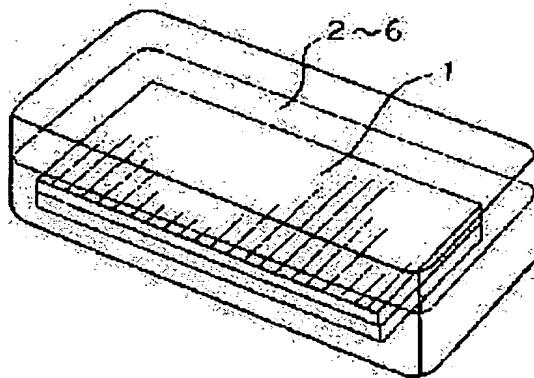
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(54) METHOD FOR PEELING PAIR OF GLASS PLATES WITH RESIN SET BETWEEN THEM IN CAR SAFETY GLASS AND METHOD FOR DISSOLVING RESIN

(57)Abstract:

PROBLEM TO BE SOLVED: To use resources efficiently and to reduce production costs by recycling glass plates of a pair by peeling the glass plates with a resin set between them from each other or dissolving the resin in a car safety glass.

SOLUTION: In a method for peeling the glass plates of a pair with the resin set between them in the car safety glass, the safety glass main body is immersed in a potassium oxide solution, a sodium oxide solution, a sulfuric acid solution, a hydrogen peroxide aqueous solution, or the like, the resin is peeled off or dissolved, so that the glass plates can easily be separated from each other.



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"Method for peeling pair of glass plates with resin set between them in car safety glass and method for dissolving resin"

[Claim 6] In a method for peeling a pair of glass plates with a resin set between them in a car safety glass, a method for peeling a pair of glass plates with a resin set between them characterized by applying a supersonic wave vibration to said solutions 2 to 6 in which a car safety glass main body 1 is immersed so that the resin is peeled off, thereby the glass plates can easily be separated from each other.

[Claim 8] In a method for peeling a pair of glass plates with a resin set between them in a car safety glass, a method for dissolving a resin of a pair of glass plates with a resin set between them characterized by applying a supersonic wave vibration to said sulfuric acid solution and hydrogen peroxide aqueous solution 6 in which a car safety glass main body 1 is immersed so that the resin is dissolved.

[0019]

By applying a supersonic wave vibration to a potassium hydroxide solution, a sodium hydroxide solution, a sulfuric acid solution, a hydrochloric acid solution and the like in which a car safety glass which is an object to be

peeled off is immersed, coarseness and minuteness of the liquid pressure is created by the sound pressure change, a bubble with vacuum inside (a cavitation) is formed, an impact wave is produced by destroying said cavitation with the minute portion, the solution is stirred with the action of said impact wave, and thereby the separation of the pair of glass plates with the resin set between them or the dissolution of the resin is facilitated.

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最終頁に統く

(54)【発明の名称】自動車安全ガラスにおける樹脂を狭着した一対のガラス板の剥離方法及び樹脂溶解方法

(57)【要約】

【課題】自動車安全ガラスにおいて、樹脂を狭着した一対のガラス板を剥離させることにより、若しくは樹脂を溶解させることにより、ガラス板の再利用を実現することにより資源の効率化、製造コストの低減を図ることを目的とするものである。

【解決手段】本発明の自動車安全ガラスにおける樹脂を狭着した一対のガラス板の剥離方法は、自動車安全ガラス本体を水酸化カリウム溶液や水酸化ナトリウム溶液、硫酸溶液及び過酸化水素水などに浸漬し、樹脂を剥離させ、若しくは樹脂を溶解させ、樹脂を狭着した一対のガラス板を遊離しやすくさせることを特徴とする。

